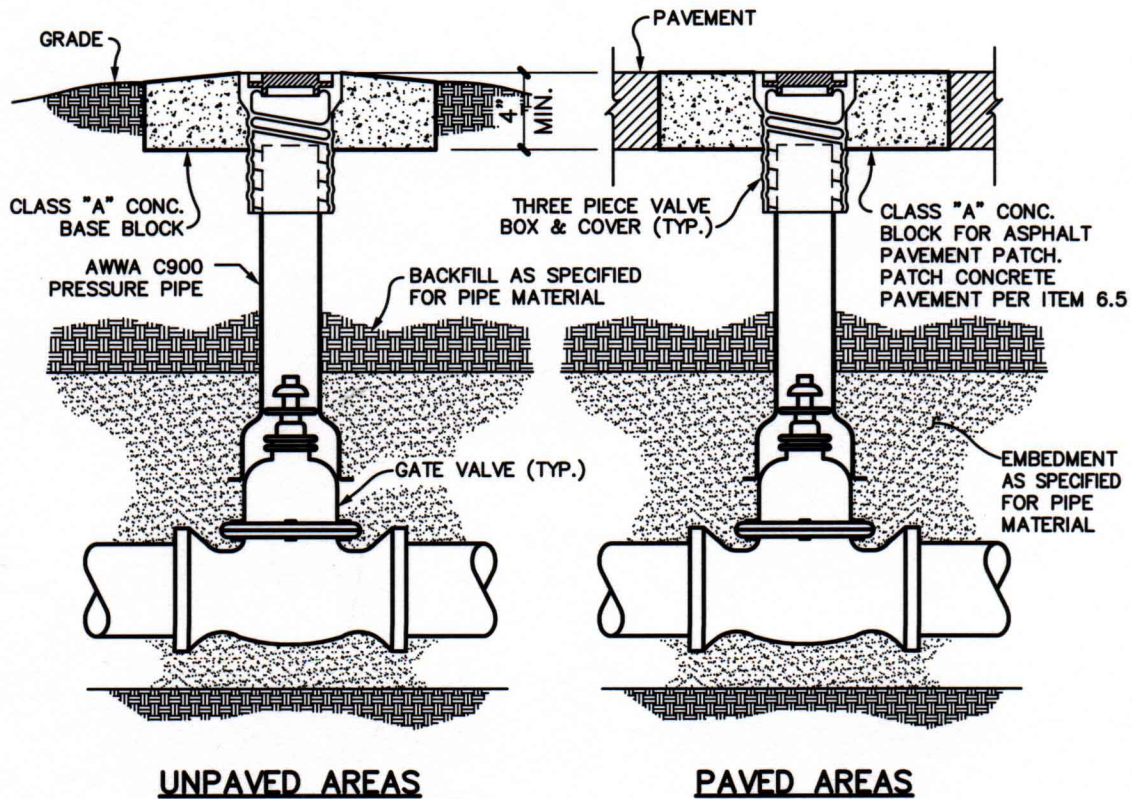


LETTERS TO BE 3" HIGH, 2" WIDE, AND IMPRESSED 1/4" INTO CONCRETE. STROKE WIDTH SHALL BE 3/8". (TYPICAL ALL VALVE BLOCKS) (NO SEPARATE PAY). IF VALVE IS ON FIRE HYDRANT LEAD, INSERT F.H. INSTEAD OF MAIN.



UNPAVED AREAS

PAVED AREAS

NOTES:

1. THE VALVE AND JOINT ASSEMBLIES SHALL BE WRAPPED IN POLYETHYLENE ACCORDING TO AWWA C105.
2. THE JOINT TYPE SHALL BE MECHANICAL JOINT UNLESS OTHERWISE SPECIFIED IN THE PLANS.
3. VALVE BOX SHALL BE TYLER PIPE 6850 SERIES OR APPROVED EQUAL.
4. GATE VALVE SHALL BE RESILIENT SEAT TYPE WITH A NON RISING STEM AND A 2-INCH SQUARE OPERATOR. RESILIENT SEAT GATE VALVE SHALL CONFORM TO AWWA C509.
5. A PERMANENTLY ATTACHED VALVE EXTENSION STEM SHALL BE REQUIRED FOR ANY VALVE WITH AN OPERATING NUT LOCATED IN EXCESS OF 4 FEET BELOW THE TOP OF VALVE BOX. THIS EXTENSION SHALL BE SUFFICIENT LENGTH TO ENSURE THAT ITS TOP IS WITHIN 4 FEET OF VALVE BOX LID.
6. 16" AND LARGER GATE VALVES REQUIRE CONCRETE BLOCK UNDER THE VALVE BODY.
7. ALL VALVE COVERS SHALL BE PAINTED BLUE.
8. A "V" SHALL BE SAW CUT IN THE CURB AT ALL VALVE LOCATIONS.
9. REFERENCE DESIGN CRITERIA FOR ALLOWABLE GATE VALVE MANUFACTURERS.



**CITY OF
DECATUR**

WATER SYSTEM CONSTRUCTION DETAILS GATE VALVE INSTALLATION

REVISED OCT 2001

SCALE: 3/4" = 1'

SHEET: **W-3**